



pDS [pDS5] 87699™

Description

Clone type: Vector

Host: *Escherichia coli* HB101 (ATCC 33694)

Storage Conditions

Product format: Freeze-dried

Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

BSL 1

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Vector Information

Construct size (kb): 5.849999904632568

Intact vector size: 5.850

Vector name: pDS (plasmid)

Type of vector: plasmid

Construction: pN4 (src deleted)

Host range: avian cells

Vector information:

Cloning capacity: 1.8 kb

Features (with orientation and position when available):

other: splice acceptor site

other: 3' LTR

other: splice acceptor site

other: 3' LTR

Cloning sites: EcoRV

Coding sequence: 3' env; 3' env

Markers: ampR

Replicon: pMB1

Restriction sites: EcoRV; Sall

Growth Conditions

Medium:

ATCC Medium 1227: LB Medium (ATCC medium 1065) with 50 mcg/ml ampicillin

Temperature: 37°C

Notes

Restriction digests of the clone give the following sizes (kb): EcoRV - 5.9;

Sall - 3.3, 2.7; HindIII - 5.9.

- ATCC staff

Avian retroviral expression vector derived from Rous sarcoma virus (RSV), requiring vector pRep(A) (ATCC 87702) for recombinant virus production.

- Gene 202: 23-29, 1997

Replication- competent virus vectors expressing foreign DNA cloned into the EcoRV site can be recovered from the culture fluids after Sall digestion, ligation to Sall digested pRep (A)DNA and transfection into chicken primary cells or appropriate cells

- Gene 202: 23-29, 1997

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pDS [pDS5] (ATCC 87699)

References

References and other information relating to this material are available at www.atcc.org.

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